

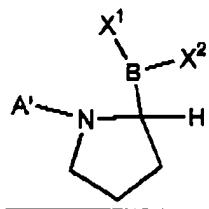
DRAFT**Amendments to the Claims**

The following Listing of Claims will replace all prior versions and listings of claims in the above-referenced application.

Listing of Claims:

Claims 1-35. (Cancelled)

36. (Currently amended) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:

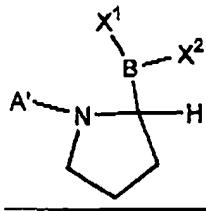


wherein each X¹ and X² is a hydroxyl group;
wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;
wherein A' comprises an amino acid; and
wherein the compound inhibits DP-IV activity. The mixture of claim 35, wherein X¹ and X² are hydroxyl groups.

37. (Cancelled)

38. (Cancelled)

39. (Currently amended) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:



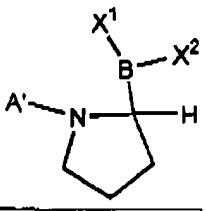
wherein each X¹ and X² is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 99% of the carbon atoms bearing boron are of the L-configuration;

wherein A' comprises an amino acid; and

wherein the compound inhibits DP-IV activity The mixture of claim 35, wherein 99% of the carbon atoms bearing boron are of the L-configuration.

40. (Currently amended) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:



wherein each X¹ and X² is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;

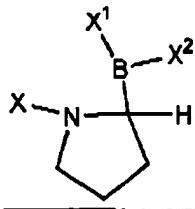
wherein A' is valine; and

wherein the compound inhibits DP-IV activity The mixture of claim 35, wherein A' is valine.

41. (Canceled)

42. (Canceled)

43. (Currently amended) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:

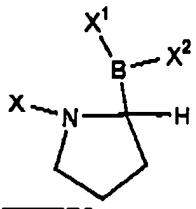


wherein each X¹ and X² is a hydroxyl group;
wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;
wherein X comprises an amino acid or a peptide; and
wherein the compound inhibits DP-IV activity The mixture of claim 42, wherein X¹ and X² are hydroxyl groups.

44. (Cancelled)

45. (Cancelled)

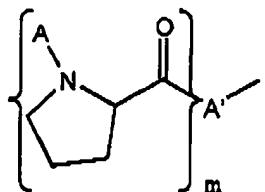
46. (Currently amended) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:



wherein each X¹ and X² is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;
wherein at least 99% of the carbon atoms bearing boron are of the L-configuration;
wherein X comprises an amino acid or a peptide; and
wherein the compound inhibits DP-IV activity The mixture of claim 42, wherein 99% of the carbon atoms bearing boron are of the L-configuration.

47. (Canceled)

48. (Previously presented) The mixture of claim 43, wherein X is a peptide having the structure



wherein m is an integer between 0 and 10, inclusive; and

wherein A and A' are L-amino acid residues such that the A in each repeating bracketed unit can be the same or a different amino acid residue.

49. (Previously presented) The mixture of claim 48, wherein A and A' are independently proline or alanine residues.

50. (Previously presented) The mixture of claim 48, wherein m is an integer between 1 and 10.

51. (Previously presented) The mixture of claim 48, wherein m is 1.